

What is claimed is:

1. A mobile station comprising:
2 a wireless communication unit for wirelessly
3 communicating with a mobile communication system
4 network; and
5 a Web function unit which is connected to a
6 content in said mobile communication system network via
7 said wireless communication unit and has a content
8 server function in WWW (World Wide Web).
2. A mobile station according to claim 1, wherein
2 said mobile station further comprises a speech
3 communication unit for speech, and
4 said wireless communication unit, said Web
5 function unit, and said speech communication unit
6 constitute a portable telephone.
3. A mobile station according to claim 1, wherein
2 said mobile station further comprises a cache
3 memory for storing a content provided by said Web
4 function unit, and
5 a content stored in said cache memory is
6 referred to from said mobile communication system
7 network by accessing said cache memory.
4. A mobile station according to claim 1, wherein

2 the content server function includes at least one of a
3 WWW server function, mail server function, and news
4 server function.

5. A communication system comprising a mobile
2 communication system network, and first and second
3 mobile stations connected to said mobile communication
4 system network,

5 said first mobile station comprising a Web
6 function unit with a content server function in WWW
7 (World Wide Web), and

8 said second mobile station comprising a
9 browser function unit for browsing a WWW content.

6. A system according to claim 5, wherein
2 said mobile communication system network has a
3 mobile station authentication device, and

4 said mobile station authentication device
5 permits said first and second mobile stations to
6 provide/browse a content by using said mobile
7 communication system network.

7. A system according to claim 5, wherein
2 said mobile communication system network
3 comprises a cache equipment, and
4 said cache equipment caches a set content
5 having a high access frequency among contents provided

6 by said Web function unit, and when said second mobile
7 station requests the set content, provides the set
8 content cached in said cache equipment to said second
9 mobile station.

8. A system according to claim 7, wherein said
2 cache equipment confirms an update state of the content
3 provided by said Web function unit, and caches a content
4 updated based on a confirmation result.

9. A system according to claim 7, wherein
2 said first mobile station outputs a
3 cached-content rewrite request to said cache equipment
4 when the content provided by said Web function unit is
5 updated, and
6 said cache equipment rewrites the cached
7 content in response to the content rewrite request from
8 said first mobile station.

10. A system according to claim 5, wherein
2 said second mobile station has a cache unit,
3 and
4 said cache unit caches only a changed content
5 when the content is updated.

11. A system according to claim 5, wherein the
2 content server function includes at least one of a WWW

- 3 server function, mail server function, and news server
- 4 function.